

HDP/SB/21 based on PTO/SB/21 (08-00)

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/773,365
	Filing Date	January 31, 2001
	First Named Inventor	Khowala et al.
	Group Art Unit	1651
	Examiner Name	Irene Marx
Total Number of Pages in This Submission	Attorney Docket Number	8920-000005

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): fax cover sheet.
Remarks		The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name	Robert M. Siminski
		Reg. No.	38,007
Signature	<i>Robert M. Siminski</i>		
Date	June 5, 2003		

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COMMENTS:

Re: Serial No. 09/773,365

Title: A Method for Enhancing Cellobiase Activity of the Novel Strain *Termitomyces Clypeatus*
Using 2-Deoxy-D-Glucose as Glycosylation Inhibitor

Our Reference: 8920-000005

Please enter the attached Amendment into the above identified patent application.
If you have any questions, please do not hesitate to contact us.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/773,365
Filing Date: January 31, 2001
Applicant: Khowala et al.
Group Art Unit: 1651
Examiner: Irene Marx
Title: A Method for Enhancing Cellobiase Activity of the Novel Strain
Termitomyces Clypeatus Using 2-Deoxy-D-Glucose as Glycosylation
Inhibitor
Attorney Docket: 8920-000005

Commissioner of Patents and Trademarks
Washington, D.C. 20231

SUPPLEMENTAL RESPONSE

Sir:

In addition to the distinctions set forth in the Response to Office Action filed May 2, 2003, Applicant has obtained the inventors' comments inventors setting forth other grounds for overturning the pending rejection. Consideration of the following remarks in view of the aforementioned Response is respectfully requested.

REMARKS

Applicant respectfully notes that the Examiner's assertion of similarity in the metabolic pathways involved in cellobiase in fungi is unfounded as a basis for rejection. In *Termitomyces clypeatus* extracellular secretion of cellobiase and not production is regulated by catabolic repression. This metabolic regulation is unknown for any other fungus including, of course, *Trichoderma reesei*. At 50 microgram/ml concentration of 2-deoxyglucose, the production of